aiwa SERVICE

XR-MS3 U, EZ

SERVICE MANUAL

COMPACT DISC
STEREO SYSTEM

BASIC TAPE MECHANISM : 2ZM-1 R10NM
BASIC CD MECHANISM : TN-CCD1001-902M

- Replace this Service Manual with "Revision Publishing" when it is issued.

aiwa

S/M Code No. 09-001-422-6T1

SIMPLE DATA

ELECTRICAL MAIN PARTS LIST - 1 / 5

NOTE: The characters in the suffix column indicate the part usage.

U .....XX.....A.....
EZ .....XX.....B.....

REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
C 306	87-010-071-040		CAP,E 1-50 M 5L SRE	AB
C 305	87-010-071-040		CAP,E 1-50 M 5L SRE	AB
C 301	87-010-322-080		C-CAP,S 100P-50 CH	AB
C 302	87-010-322-080		C-CAP,S 100P-50 CH	AB
C 307	87-010-553-040		CAP,E 47-16 GAS	AB
C 308	87-010-555-040		CAP,E 100-10 GAS	AB
C 304	87-016-044-040		CAP,E 100-16 GAS	AB
C 303	87-016-044-040		CAP,E 100-16 GAS	AB
CNA 201	88-805-043-020		CONN ASSY,4P 300	AB
IC 301	87-017-888-080		IC,NJM4558MD	AB
Q 301	87-A30-086-070		C-TR,CSD1306E	AB
Q 302	87-A30-086-070		C-TR,CSD1306E	AB
C 103	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 105	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 104	87-010-198-080		CAP, CHIP 0.022	AB
C 108	87-010-313-080		CAP, CHIP 18P	AB
C 106	87-010-400-040		CAP,E 0.47-50	AB
C 101	87-010-754-080		CAP,E220-10 SRA 7L	AB
C 102	87-010-754-080		CAP,E220-10 SRA 7L	AB
C 109	87-012-156-080		C-CAP,S 220P-50 CH	AB
C 111	87-010-079-040		CAP,E 100-6.3 5L	AB
C 114	87-010-194-080		CAP, CHIP 0.047	AB
C 112	87-010-194-080		CAP, CHIP 0.047	AB
C 116	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 117	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 110	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 118	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 115	87-010-405-040		CAP,E 10-50	AB
C 129	87-010-316-080		C-CAP,S 33P-50 CH	AB
C 130	87-010-178-080		CHIP CAP 1000P	AB
C 702	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 703	87-010-197-080		CAP, CHIP 0.01 DM	AB
C 704	87-010-382-040		CAP,E 22-25 SME	AB
C 706	87-010-382-040		CAP,E 22-25 SME	AB
C 902	87-010-322-080		C-CAP,S 100P-50 CH	AB
C 903	87-010-322-080		C-CAP,S 100P-50 CH	AB
CN 701	87-A60-619-010		CONN,2P V 2MM JMT	AB
CN 904	87-099-570-010		CONN,13P TUC-P13P-B1	A
CN 903	87-A60-189-010		CONN,16P V TUC-P16P-B1	.B
CN 901	87-A60-770-010		CONN,18P B TMC-D(X)	AB
CN 902	87-A60-900-010		CONN,9P V BLK FMN-BTRK	AB
CN 905	87-A61-258-010		CONN,15P V 52806-1510	AB
D 104	87-020-465-080		DIODE,1SS133 (110MA)	AB
D 101	87-020-465-080		DIODE,1SS133 (110MA)	AB
D 105	87-020-465-080		DIODE,1SS133 (110MA)	AB
D 103	87-A40-270-080		C-DIODE,MC2838	AB
D 102	87-A40-509-080		ZENER,MTZJ6.8C	AB
D 701	87-A40-438-080		ZENER,MTZJ4.7A	AB
IC 101	8A-CJ5-601-010		C-IC,LC876564V-****	AB
IC 702	87-017-825-010		IC,GP1F32T	AB
L 101	87-A50-333-010		COIL,OSC 9.43MHZ	AB
Q 106	87-026-236-080		TR,DTC124E,K	AB
Q 107	87-026-236-080		TR,DTC124E,K	AB
Q 105	87-A30-073-080		C-TR,RT1N 141C	AB
Q 104	87-A30-073-080		C-TR,RT1N 141C	AB
Q 102	87-A30-087-080		C-FET,2SK2158	AB
Q 101	87-A30-087-080		C-FET,2SK2158	AB
Q 103	87-A30-198-080		TR,KTC3199GR	AB
Q 111	87-A30-087-080		C-FET,2SK2158	AB
*	8A-CJ5-209-010		GUIDE,FL	AB
C 109	87-010-197-080		CAP, CHIP 0.01 DM	AB
C 108	87-010-197-080		CAP, CHIP 0.01 DM	AB
C 106	87-010-408-040		CAP,E 47-50 SME	AB
C 102	87-010-415-040		CAP,E 10-50 5L	AB
C 105	87-010-421-040		CAP,E 4.7-50 5L	AB
C 104	87-010-421-040		CAP,E 4.7-50 5L	AB
C 103	87-012-157-080		C-CAP,S 330P-50 CH	AB
C 107	87-012-369-080		C-CAP,S 0.047-50F	AB
C 110	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
C 111	87-012-368-080		C-CAP,S 0.1-50 F	AB
C 301	87-010-196-080		CHIP CAPACITOR,0.1-25	AB
CN 102	87-A60-668-010		CONN,4P H 2MM JMT	AB
CN 101	87-A60-778-010		CONN,18P B TMC-D(P)	AB
D 101	87-020-465-080		DIODE,1SS133 (110MA)	AB
D 102	87-070-136-080		ZENER,MTZJ5.1B	AB
FL 101	8A-CL5-608-010		FL,9-ST-19GONK	AB
IC 102	87-070-246-010		IC,GP1U271X	AB
IC 303	87-017-915-080		IC,BU4094BCF	AB
J 101	87-A60-420-010		JACK,3.5 ST (MSC)	AB
LED 101	87-A40-317-080		LED,SLR-342VCT31 RED	AB
LED 303	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB	AB
LED 302	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB	AB
LED 301	87-A40-786-080		LED,SMLS1BE16WTP4 BLU/UMB	AB
Q 101	87-A30-087-080		C-FET,2SK2158	AB
Q 304	87-A30-072-080		C-TR,RT1P 144C	AB

Q	306	87-A30-072-080	C-TR,RT1P 144C	AB
Q	307	87-A30-072-080	C-TR,RT1P 144C	AB
Q	303	87-A30-072-080	C-TR,RT1P 144C	AB
Q	308	87-A30-072-080	C-TR,RT1P 144C	AB
Q	305	87-A30-072-080	C-TR,RT1P 144C	AB
Q	301	87-A30-073-080	C-TR,RT1N 141C	AB
Q	302	87-A30-073-080	C-TR,RT1N 141C	AB
Q	309	87-A30-273-040	C-TR,DTC124EKA	AB
R	103	87-022-355-080	C-RES,S10K-1/10W F	AB
R	102	87-022-355-080	C-RES,S10K-1/10W F	AB
S	102	87-A91-426-010	SW,RTRY 3-2-1 RE01311-2-12PCE	AB
S	205	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	206	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	207	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	203	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	208	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	201	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	204	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	202	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	209	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	211	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	214	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	215	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	212	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	210	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	213	87-A90-095-080	SW,TACT EVQ11G04M	AB
S	216	87-A90-095-080	SW,TACT EVQ11G04M	AB
*		8A-CJ5-214-010	HLDR,TR	AB
C	204	87-010-178-080	CHIP CAP 1000P	AB
C	203	87-010-178-080	CHIP CAP 1000P	AB
C	201	87-010-491-040	CAP,E 0.22-50 GAS	AB
C	202	87-010-545-040	CAP,E 0.22-50 SME	AB
C	205	87-010-546-040	CAP,E 0.33-50	AB
C	212	87-010-260-080	CAP, ELECT 47-25V	AB
C	211	87-010-405-040	CAP,E 10-50	AB
C	216	87-010-405-080	CAP, ELECT 10-50V	AB
C	215	87-010-405-080	CAP, ELECT 10-50V	AB
C	217	87-012-368-080	C-CAP,S 0.1-50 F	AB
C	219	87-012-368-080	C-CAP,S 0.1-50 F	AB
C	218	87-012-368-080	C-CAP,S 0.1-50 F	AB
C	221	87-010-405-080	CAP, ELECT 10-50V	AB
C	220	87-012-368-080	C-CAP,S 0.1-50 F	AB
C	506	87-010-546-040	CAP,E 0.33-50	AB
IC	201	87-A20-909-010	IC,LA4663	AB
J	202	87-099-801-010	JACK,PIN 1P BLK	AB
J	201	87-A60-238-010	TERMINAL,SP 4P (MSC)	AB
Q	205	87-026-210-080	CHIP-TR,DTC144EK	AB
Q	204	87-026-211-080	TR,DTA144EK	AB
Q	203	87-A30-075-080	C-TR,2SA1235F	AB
Q	202	87-A30-086-070	C-TR,CSD1306E	AB
Q	201	87-A30-086-070	C-TR,CSD1306E	AB
		87-067-579-010	TAPPING SCREW, BVT2+3-8	AB
		8A-CJ5-219-010	HLDR,TR B	AB
C	7	87-010-194-080	CAP, CHIP 0.047	AB
C	2	87-010-194-080	CAP, CHIP 0.047	AB
C	1	87-010-194-080	CAP, CHIP 0.047	AB
C	6	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	3	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	4	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	5	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	8	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	9	87-A12-033-090	CAP,E 6800-25 SMG30L	AB
C	14	87-010-235-080	CAP,E 470-16 SME	AB
C	11	87-010-380-080	CAP, ELECT 47-16V	AB
C	15	87-010-387-080	CAP,E 470-25 SME	AB
C	19	87-010-403-080	CAP, ELECT 3.3-50V	AB
C	13	87-010-408-080	CAP, ELECT 47-50V	AB
C	10	87-010-409-080	CAP,E 220-50 SME	AB
C	17	87-012-369-080	C-CAP,S 0.047-50F	AB
C	16	87-012-369-080	C-CAP,S 0.047-50F	AB
C	18	87-A10-831-080	CAP,E 1000-25 M SMG	AB
C	29	87-010-247-080	CAP, ELECT 100-50V	AB
C	28	87-010-263-080	CAP, ELECT 100-10V	A
C	27	87-012-140-080	CAP 470P	AB
C	30	87-010-112-080	CAP, ELECT 100-16V	AB
C	31	87-010-235-080	CAP,E 470-16 SME	AB
C	61	87-010-260-080	CAP, ELECT 47-25V	AB
C	62	87-010-496-040	CAP,E 3.3-50 GAS	AB
C	92	87-010-263-080	CAP, ELECT 100-10V	AB
C	91	87-010-401-080	CAP, ELECT 1-50V	AB
C	93	87-010-553-040	CAP,E 47-16 GAS	AB
CN	3	87-009-033-010	CONNECTOR, 5P	AB
CN	1	87-A60-850-010	CONN,7P V VH	AB
CN	91	87-A60-619-010	CONN,2P V 2MM JMT	AB
D	4	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	9	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	6	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	8	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	5	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	7	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	1	87-A40-224-010	DIODE,GBU8D	AB
D	2	87-A40-313-080	C-DIODE,MC 2840	AB

D	3	87-A40-346-080	ZENER,MTZJ 8.2C	AB
D	19	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	12	87-070-274-080	DIODE,1N4003 SEM	AB
D	11	87-070-274-080	DIODE,1N4003 SEM	AB
D	14	87-A40-336-080	ZENER,MTZJ27D T-72	AB
D	10	87-A40-345-080	ZENER,MTZJ10C	AB
D	17	87-A40-435-080	ZENER,MTZJ30D	AB
D	20	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	64	87-070-274-080	DIODE,1N4003 SEM	AB
D	63	87-A40-004-080	ZENER,MTZJ16A	AB
D	61	87-A40-270-080	C-DIODE,MC2838	AB
D	92	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	91	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	93	87-020-465-080	DIODE,1SS133 (110MA)	AB
F	1	87-026-689-080	PROTECTOR,1A 60V 491	.B
F	2	87-026-689-080	PROTECTOR,1A 60V 491	.B
F	5	87-026-689-080	PROTECTOR,1A 60V 491	.B
F	1	87-A90-172-080	FUSE,1A 125V 251	A
F	2	87-A90-172-080	FUSE,1A 125V 251	A
F	5	87-A90-172-080	FUSE,1A 125V 251	A
F	4	87-A90-195-080	PROTECTOR 7A 125V 49	.B
F	3	87-A90-195-080	PROTECTOR 7A 125V 49	.B
F	3	87-A90-210-080	FUSE,7A 125V 251	A
F	4	87-A90-210-080	FUSE,7A 125V 251	A
Q	5	87-026-610-080	TR,KTC3198GR	AB
Q	8	87-A30-075-080	C-TR,2SA1235F	AB
Q	7	87-A30-075-080	C-TR,2SA1235F	A
Q	6	87-A30-076-080	C-TR,2SC3052F	AB
Q	2	87-A30-076-080	C-TR,2SC3052F	AB
Q	9	87-A30-234-080	TR,CSC4115BC	AB
Q	1	89-213-702-010	TR,2SB1370 (1.8W)	AB
Q	3	89-213-702-010	TR,2SB1370 (1.8W)	AB
Q	11	87-026-245-080	TR,DTC114ES	AB
Q	12	87-A30-198-080	TR,KTC3199GR	AB
Q	10	89-333-317-080	TR,2SC3331 (0.5W)	AB
Q	63	87-A30-076-080	C-TR,2SC3052F	AB
Q	65	87-A30-076-080	C-TR,2SC3052F	AB
Q	67	87-A30-076-080	C-TR,2SC3052F	AB
Q	95	87-026-210-080	CHIP-TR,DTC144EK	AB
Q	92	87-026-609-080	TR,KTA1266GR	AB
Q	94	87-A30-075-080	C-TR,2SA1235F	AB
Q	91	87-A30-076-080	C-TR,2SC3052F	AB
R	20	87-A00-261-080	RES,M/F 0.56-1W J	A
C	408	87-010-188-080	CAP,CHIP 6800P	AB
C	407	87-010-188-080	CAP,CHIP 6800P	AB
C	401	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	402	87-010-260-080	CAP, ELECT 47-25V	AB
C	404	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	403	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	405	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	406	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	409	87-012-140-080	CAP 470P	AB
C	418	87-010-195-080	C-CAP,S 0.068-25 F	AB
C	417	87-010-195-080	C-CAP,S 0.068-25 F	AB
C	416	87-010-197-080	CAP, CHIP 0.01 DM	AB
C	415	87-010-197-080	CAP, CHIP 0.01 DM	AB
C	419	87-010-260-080	CAP, ELECT 47-25V	AB
C	414	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	411	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	412	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	413	87-010-404-080	CAP, ELECT 4.7-50V	AB
C	410	87-012-140-080	CAP 470P	AB
C	422	87-012-140-080	CAP 470P	AB
C	421	87-012-140-080	CAP 470P	AB
D	402	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	401	87-A40-269-080	C-DIODE,MC2836	AB
IC	401	87-A21-022-040	C-IC,BA3880FS	AB
C	605	87-010-182-080	C-CAP,S 2200P-50 B	AB
C	606	87-010-182-080	C-CAP,S 2200P-50 B	AB
C	602	87-010-187-080	CAP CHIP S5600P	AB
C	601	87-010-187-080	CAP CHIP S5600P	AB
C	608	87-010-213-080	C-CAP,S 0.015-50 B	AB
C	607	87-010-213-080	C-CAP,S 0.015-50 B	AB
C	609	87-010-545-080	CAP, ELECT 0.22-50V	AB
C	615	87-010-154-080	CAP CHIP 10P	AB
C	610	87-010-491-080	CAP,E 0.22-50 GAS	AB
C	612	87-010-491-080	CAP,E 0.22-50 GAS	AB
C	611	87-010-545-080	CAP, ELECT 0.22-50V	AB
C	614	87-010-553-080	CAP,E 47-16	AB
C	613	87-010-553-080	CAP,E 47-16	AB
C	622	87-010-402-080	CAP, ELECT 2.2-50V	AB
C	623	87-010-402-080	CAP, ELECT 2.2-50V	AB
C	621	87-010-407-080	CAP, ELECT 33-50V	AB
C	620	87-010-407-080	CAP, ELECT 33-50V	AB
C	641	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	644	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	643	87-010-805-080	CAP, S 1-16	AB
CN	601	87-A60-902-010	CONN,14P V BLK FMN-BTRK	AB
D	606	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	605	87-020-465-080	DIODE,1SS133 (110MA)	AB
D	601	87-A40-293-080	ZENER,DZ2.7M	AB
D	602	87-A40-293-080	ZENER,DZ2.7M	AB

IC	601	87-A21-111-040	C-IC,M62495FP	AB
J	601	87-A60-881-010	JACK,PIN 2P MSP 242V05 PBSN	AB
Q	604	87-A30-076-080	C-TR,2SC3052F	AB
Q	605	87-A30-076-080	C-TR,2SC3052F	AB
C	554	87-010-197-080	CAP, CHIP 0.01 DM	AB
C	555	87-010-197-080	CAP, CHIP 0.01 DM	AB
C	553	87-010-260-080	CAP, ELECT 47-25V	AB
C	557	87-010-405-080	CAP, ELECT 10-50V	AB
C	552	87-010-405-080	CAP, ELECT 10-50V	AB
C	575	87-010-322-080	C-CAP,S 100P-50 CH	AB
C	574	87-010-405-080	CAP, ELECT 10-50V	AB
C	573	87-010-405-080	CAP, ELECT 10-50V	AB
IC	551	87-A21-103-040	C-IC,MM1454XFBE	AB
C	1	87-A10-479-080	CAP,CER 2200P-250 M E KH	AB
CN	2	87-A60-621-010	CONN,4P V 2MM JMT	AB
CN	1	87-A60-645-010	CONN,3P V VH	AB
CN	1	87-A60-851-010	CONN,9P V VH	..
D	1	87-020-465-080	DIODE,1SS133 (110MA)	AB
F	1	87-A91-276-080	FUSE,125MA 125V F 251	A
PT	1	8Z-NF8-660-110	PT,SUB ZNF-8(D)	..
PT	1	8Z-NF8-661-010	PT,SUB ZNF-8(U)	A
PT	1	8Z-NF8-662-010	PT,SUB ZNF-8(E)	.B
PT	1	8Z-NF8-663-010	PT,SUB ZNF-8(H)	..
RY	1	87-A90-977-010	RELAY,AC12V DG12D1-O(M)	..
RY	1	87-A91-281-010	RELAY,AC DC12V OSA-SS-212DM5	..
RY	1	87-A91-418-010	RELAY,AC12V G5PA-1-M	AB
S	1	87-A90-234-010	SW,SL 1-2-2 SW2201	..
T	1	87-A60-317-010	TERMINAL, 1P MSC	AB
T	2	87-A60-317-010	TERMINAL, 1P MSC	AB
		8A-CL5-625-010	CONN ASSY,8P -RPB	AB
C	307	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	304	87-012-157-080	C-CAP,S 330P-50 CH	AB
C	303	87-012-157-080	C-CAP,S 330P-50 CH	AB
C	312	87-010-198-080	CAP, CHIP 0.022	AB
C	311	87-010-198-080	CAP, CHIP 0.022	AB
C	319	87-012-141-080	CHIP-CAPACITOR,0.22-16F	AB
C	316	87-012-274-080	CHIP CAP,U 1000P-50B	AB
C	315	87-012-274-080	CHIP CAP,U 1000P-50B	AB
C	317	87-A10-201-080	C-CAP,S0.33-16 KB	AB
C	318	87-A10-201-080	C-CAP,S0.33-16 KB	AB
C	324	87-010-260-040	CAP,E 47-25 SME	AB
C	325	87-010-370-040	CAP,E 330-6.3 SME	AB
C	327	87-010-404-040	CAP,E 4.7-50 SME	AB
C	328	87-010-404-040	CAP,E 4.7-50 SME	AB
C	320	87-012-141-080	CHIP-CAPACITOR,0.22-16F	AB
C	322	87-A10-025-080	C-CAP,U 0.22-16Z F	AB
C	321	87-A10-025-080	C-CAP,U 0.22-16Z F	AB
C	332	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	337	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	335	87-010-401-040	CAP,E 1-50 SME	AB
C	336	87-010-401-040	CAP,E 1-50 SME	AB
C	339	87-010-831-080	C-CAP,U,0.1-16F	AB
C	340	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	354	87-010-175-080	CAP 560P	AB
C	355	87-010-178-080	CHIP CAP 1000P	AB
C	358	87-010-183-080	C-CAP,S 2700P-50 B	AB
C	359	87-010-183-080	C-CAP,S 2700P-50 B	AB
C	357	87-010-197-080	CAP, CHIP 0.01 DM	AB
C	356	87-010-260-040	CAP,E 47-25 SME	AB
C	352	87-012-140-080	CAP 470P	AB
C	351	87-012-140-080	CAP 470P	AB
C	360	87-010-183-080	C-CAP,S 2700P-50 B	AB
C	372	87-010-177-080	C-CAP,S 820P-50 SL	AB
C	371	87-010-177-080	C-CAP,S 820P-50 SL	AB
C	373	87-010-179-080	CAP,CHIP S B1200P	AB
C	374	87-010-179-080	CAP,CHIP S B1200P	AB
C	370	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	378	87-010-196-080	CHIP CAPACITOR,0.1-25	AB
C	375	87-010-545-040	CAP,E 0.22-50 SME	AB
C	376	87-010-545-040	CAP,E 0.22-50 SME	AB
C	386	87-010-759-080	C-CAP,U, 0.1-25F	AB
C	388	87-012-266-080	C-CAP,U 220P-50 B	AB
CN	251	87-A60-626-010	CONN,9P V 2MM JMT	AB
CN	351	87-A60-625-010	CONN,8P V 2MM JMT	AB
CN	601	87-A60-891-080	C-CONN,14P V FMN-BMTTN-TF	AB
CN	902	87-A60-888-080	C-CONN,9P V FMN-BMTTN-TF	AB
D	251	87-A40-269-080	C-DIODE,MC2836	AB
D	352	87-A40-269-080	C-DIODE,MC2836	AB
IC	301	87-017-915-080	IC,BU4094BCF	AB
IC	302	87-A20-355-010	IC,CXA1553P	AB
IC	303	87-A20-783-040	C-IC,BA7762AFS	AB
L	302	87-A50-049-010	COIL,TRAP 85K(COI)	AB
L	301	87-A50-049-010	COIL,TRAP 85K(COI)	AB
L	351	87-007-342-010	COIL,OSC 85K BIAS	AB
Q	251	87-A30-073-080	C-TR,RT1N 141C	AB
Q	253	87-A30-159-080	C-TR,KTA1298Y	AB
Q	252	87-A30-240-080	TR,CSA1585BC	AB
Q	301	87-A30-073-080	C-TR,RT1N 141C	AB
Q	302	87-A30-073-080	C-TR,RT1N 141C	AB
Q	358	87-026-610-080	TR,KTC3198GR	AB
Q	357	87-026-610-080	TR,KTC3198GR	AB
Q	359	87-026-610-080	TR,KTC3198GR	AB

ELECTRICAL MAIN PARTS LIST - 5 / 5

Q	356	87-A30-076-080	C-TR,2SC3052F	.B..................
Q	354	87-A30-087-080	C-FET,2SK2158	AB..................
Q	351	87-A30-087-080	C-FET,2SK2158	AB..................
Q	353	87-A30-087-080	C-FET,2SK2158	AB..................
Q	355	87-A30-202-080	C-TR,RT1P441C	AB..................
SFR	304	87-024-435-080	SFR 33K RH 063EC	AB..................
SFR	303	87-024-435-080	SFR 33K RH 063EC	AB..................
SFR	306	87-A90-433-080	SFR,50K H NVZ6TLTA	AB..................
SFR	305	87-A90-433-080	SFR,50K H NVZ6TLTA	AB..................
SFR	351	87-A90-433-080	SFR,50K H NVZ6TLTA	AB..................
SFR	352	87-A90-433-080	SFR,50K H NVZ6TLTA	AB..................

MECHANICAL PARTS LIST - 1 / 2

NOTE: The characters in the suffix column indicate the part usage.

U		XX		A
EZ		XX		B
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
	8A-CJ5-004-010		PANEL,SIDE L	.B
	8A-CJ5-005-010		PANEL,SIDE R	.B
	8A-CL5-001-010		CABI,FR	
	8A-CL5-002-010		CABI,TOP	.B
	8A-CL5-003-010		CABI,REAR D	
	8A-CL5-004-010		CABI,REAR U	
	8A-CL5-005-010		CABI,REAR EZ	.B
	8A-CL5-006-010		CABI,FR EZ	.B
	8A-CL5-007-010		CABI,FR H	
	8A-CL5-010-010		LID,CASS	.B
	8A-CL5-012-010		CABI,FR U	
	8A-CL5-013-010		CABI,TOP U	
	8A-CL5-019-010		PANEL,SIDE L U	
	8A-CL5-020-010		PANEL,SIDE R U	
	8A-CL5-021-010		CABI,FR(B) U	A
	8A-CL5-022-010		CABI,TOP(B) U	A
	8A-CL5-024-010		LID,CASS(B)	A
	8A-CL5-028-010		PANEL,SIDE L(B) U	A
	8A-CL5-029-010		PANEL,SIDE R(B) U	A
	8A-CL5-030-010		CABI,REAR(B) U	A
	8A-CJ5-009-010		KEY,POWER	AB
	8A-CJ5-012-010		KEY,ENTER	AB
	8A-CJ5-013-010		KEY,EJECT CD	AB
	8A-CJ5-014-010		BTN,OPEN	AB
	8A-CJ5-016-010		KNOB,RTRY JOG	AB
	8A-CL5-009-010		KEY,PLAY CASS	AB
	8A-CL5-025-010		KEY,SKIP CASS	AB
	8A-CJ5-007-010		WINDOW,DISPLAY	A
	8A-CJ5-015-010		REFLECTOR,POWER	AB
	8A-CJ5-017-010		REFLECTOR,JOG	AB
	8A-CJ5-018-010		REFLECTOR,CD	AB
	8A-CJ5-019-010		LENS,SENSOR	AB
	8A-CJ5-023-010		DUST COVER, CD FELT	AB
	8A-CJ5-033-010		WINDOW,DISPLAY EZ	.B
	8A-CL5-008-010		PANEL,FR CASS	
	8A-CL5-023-010		PANEL,FR CASS(B)	A
	8A-CL5-037-010		PANEL,FR CASS EZ	.B
	87-064-185-010		HLDR,WIRE	AB
	87-NF8-220-010		DMPR,150	
	8A-CJ5-202-010		HLDR,TOP	
	8A-CJ5-203-010		HLDR,BTN	
	8A-CJ5-204-010		HLDR,ECO	AB
	8A-CJ5-205-010		HLDR,CD A	AB
	8A-CJ5-206-010		HLDR,CD B	AB
	8A-CJ5-207-010		LEVER,OPEN	
	8A-CJ5-208-010		SPR-C,OPEN	
	8A-CJ5-213-010		HLDR,MECHA CD	AB
	8A-CJ5-214-010		HLDR,TR	
	8A-CJ5-215-010		GUIDE,LED CD	AB
	8A-CJ5-217-010		PLATE,JOG	AB
	8A-CL5-201-010		HLDR,FR	AB
	8A-CL5-202-010		HLDR,REAR	AB
	8A-CL5-301-010		GEAR,POP-UP2	AB
	8A-CL5-302-010		LEVER,POP-UP	AB
	8A-CL5-305-010		PLATE,BOX LOCK	AB
	8A-CL5-306-010		PLATE,ASSY POP-UP	AB
	8A-CL5-307-010		BOX,CASS	AB
	8A-CL5-308-010		LEVER,BOX LOCK	AB
	8A-CL5-309-010		PLATE,GUIDE	AB
	8A-CL5-310-010		LEVER,TURN	AB
	8A-CL5-311-010		LEVER,EJECT	AB
	8A-CL5-312-010		HLDR,BUTTON	AB
	8A-CL5-313-010		SPR-T,BOX LOCK	AB
	8A-CL5-314-010		SPR-T,TURN	AB
	8A-CL5-315-010		SPR-E,POP UP	AB
	8A-CL5-316-010		SPR-T,CASS	AB
	8A-CL5-317-010		GEAR,DUMP	AB
	8A-CL5-321-010		SPR-P,CAS PUSH R	AB
	8A-CL5-322-010		SHAFT,TURN	AB
	8A-CL5-323-010		SPR-P,LOCK	AB
	8A-CL5-324-010		PLATE,LOCK	AB
	8A-CL5-325-010		SPR-C,TURN	AB
	8Z-CE3-206-010		CUSH,PL 9.2-4.2-5	AB
	8Z-NB8-240-010		COVER, PL	AB
	87-067-421-010		VTT+2-4	AB
	87-067-579-010		TAPPING SCREW, BVT2+3-8	AB
	87-067-641-010		UTT2+3-8(W/O SLOT)BL	AB
	87-067-688-010		BVTT+3-6	AB
	87-067-767-010		BVTT+2.6-6	AB
	87-067-938-010		PW 1.3-3-0.25 SLT	AB
	87-078-153-010		SCRW,1.4-2.5 CR	AB
	87-262-507-310		SCREW V+1.4-3	AB
	87-265-544-310		V+2-2.2 NI	AB
	87-591-094-010		QIT+3-6 GOLD	AB
	87-591-094-410		TAPPING SCREW, QIT+3-6	

	87-721-096-410	QT2+3-10 GLD	AB.....
	87-751-096-410	VT2+3-10 GLD	AB.....
	88-AR1-217-010	S-SCREW,BFT2+3-8	AB.....
*	87-B10-294-010	BVT2+2.6-8	AB.....
*	88-HJ3-219-010	S-SCREW,+1.4-2.5 B HL(0.3)	AB.....
	87-050-098-010	AC CODE ASSY,D	.....
	87-085-184-010	BUSHING, AC CORD (D)	.....
	87-085-185-010	BUSHING, AC CORD (E)	.B.....
	87-085-189-010	BUSHING, CORD (U)	A.....
	87-A80-092-010	AC CORD ASSY,E BLK SUN FAI	.B.....
	87-A80-110-010	AC CORD ASSY,U SPT-2W	A.....
	88-805-040-820	CONN ASSY,4P 80	AB.....
	88-805-051-420	CONN ASSY,5P 140	AB.....
	8A-CJ5-620-010	PT,ACJ-5 D	.....
	8A-CJ5-621-010	PT,ACJ-5 U	A.....
	8A-CJ5-622-010	PT,ACJ-5 EZ	.B.....
	8A-CJ5-624-010	PT,ACJ-5 HE	.....
	8A-CJ5-634-010	CONN ASSY,2P SHLD	AB.....
	8A-CL5-626-010	CABLE,FFC15P-1.0 220	AB.....
	8A-CL5-627-010	CABLE,FFC9P-1.0 220	AB.....
	8A-CL5-628-010	CABLE,FFC14P-1.0 160	AB.....
	8Z-CL1-663-010	FAN,MF40D-12-200MM	AB.....
	87-067-579-010	TAPPING SCREW, BVT2+3-8	AB.....
	8A-CJ5-219-010	HLDR,TR B	AB.....
	8A-CL5-625-010	CONN ASSY,8P -RPB	AB.....

ACCESSORIES / PACKAGE LIST - 1 / 1

NOTE: The characters in the suffix column indicate the part usage.

U .....XX.....A.....
EZ .....XX.....B.....

REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
	8A-CL5-901-010		IB,H(ECA)M	.....
	8A-CL5-903-010		IB,U(ESF)I	.....
	8A-CL5-913-010		IB,U(ESF)M	A.....
	8A-CL5-916-010		IB,EZ(9L)M	.B.....
	87-006-225-010		AM LOOP ANT NC2	AB.....
	87-043-115-010		ANT,FEEDER FM	A.....
	87-A90-118-010		ANT,WIRE FM (Z)	.B.....
	87-A90-312-010		PLUG,CONVERSION WTN-1157R1	.....
	8A-CL5-950-010		RC UNIT,ACL-5	.B.....
	8A-CL5-954-010		RC UNIT,RC-AAT03 (B)	A.....
	8A-CJ5-403-010		PANEL,FR	.B.....
	8A-CJ5-405-010		PANEL,SP	.B.....
	8A-CJ5-406-010		GRILLE,FRAME ASSY	.....
	8A-CJ5-409-010		FASTENER,	AB.....
	8A-CJ5-411-010		SPKR, W 87S	.B.....
	8A-CJ5-417-010		SPKR, TW 25	AB.....
	8A-CJ5-422-010		GRILLE,FRAME ASSY Y	.B.....
	8A-CL5-403-010		PANEL,FR B	A.....
	8A-CL5-404-010		GRILLE,FRAME ASSY B	A.....
	8A-CL5-406-010		SPKR,W 87SI	A.....
	8A-CL5-408-010		PANEL,SP B	A.....
	8Z-SSM-005-010		BOSS,CATCHER	AB.....

ELECTRICAL MAIN PARTS LIST - 1 / 4 (ZZA - 1)

NOTE: The characters in the suffix column indicate the part usage.

MULNM .....XX.....A.....
ZRDS RPNM .....XX.....B.....

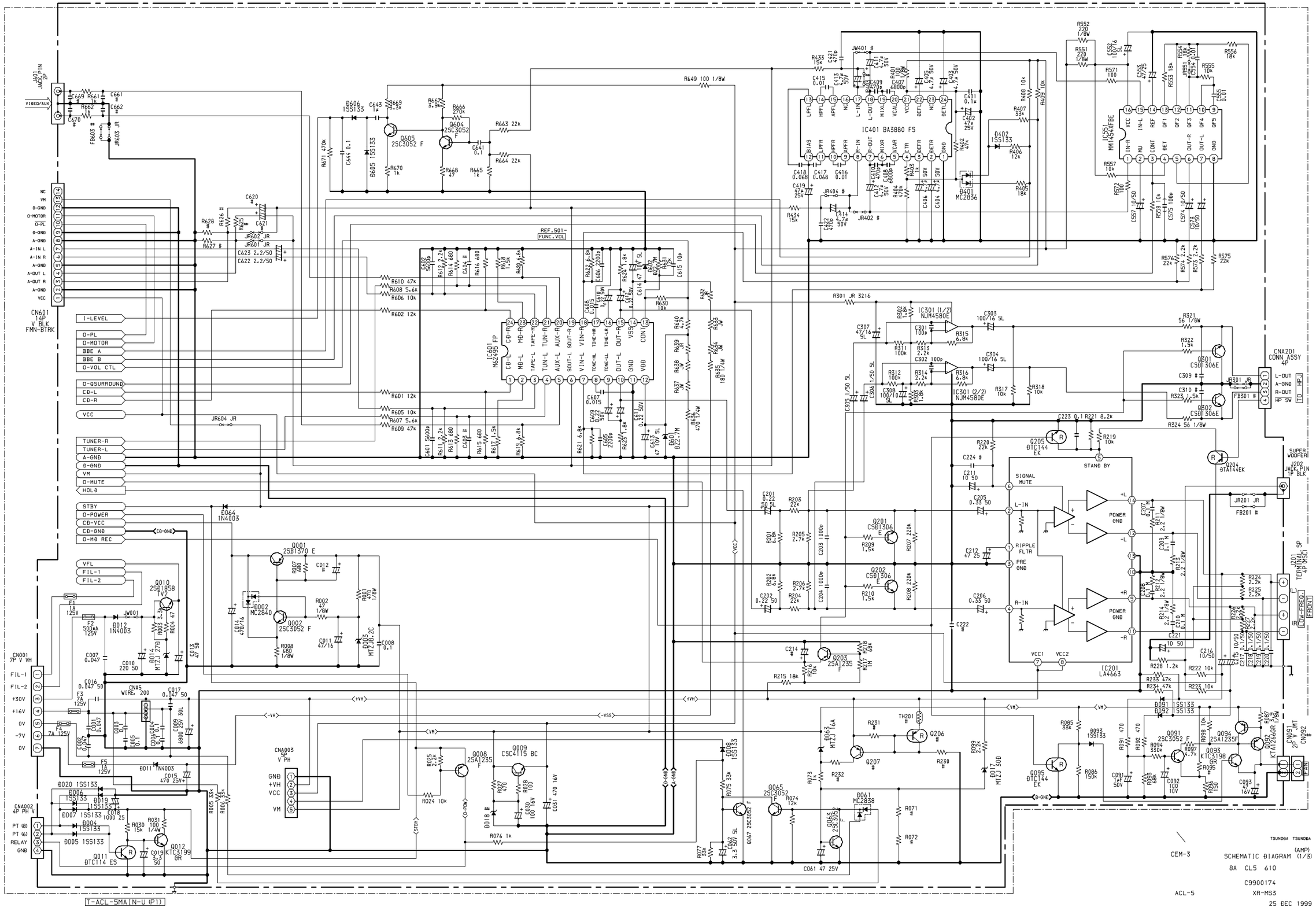
REF.NO	PARTS NO.	KANRI NO.	DESCRIPTION	SUFFIX
C 701	87-010-381-080		CAP, ELECT 330-16V	AB
C 702	87-010-404-080		CAP, ELECT 4.7-50V	AB
C 709	87-012-195-020		C-CAP,U 100P-50 J CH	A
C 709	87-012-195-080		C-CAP,U 100P-50CH	.B
C 703	87-012-286-020		C-CAP,U 0.01-25 K B	A
C 704	87-012-286-020		C-CAP,U 0.01-25 K B	A
C 704	87-012-286-080		CAP, U 0.01-25	.B
C 703	87-012-286-080		CAP, U 0.01-25	.B
C 711	87-010-260-080		CAP, ELECT 47-25V	AB
C 711	87-010-553-080		CAP,E 47-16	
C 712	87-010-831-020		C-CAP,U 0.1-16 Z F C1608	A
C 712	87-010-831-080		C-CAP,U,0.1-16F	.B
C 718	87-012-179-080		C-CAP,U 20P-50 CH	
C 715	87-012-195-080		C-CAP,U 100P-50CH	.B
C 719	87-012-286-020		C-CAP,U 0.01-25 K B	A
C 714	87-012-286-020		C-CAP,U 0.01-25 K B	A
C 717	87-012-286-020		C-CAP,U 0.01-25 K B	A
C 717	87-012-286-080		CAP, U 0.01-25	.B
C 719	87-012-286-080		CAP, U 0.01-25	.B
C 714	87-012-286-080		CAP, U 0.01-25	.B
C 713	87-012-286-080		CAP, U 0.01-25	.B
C 727	87-010-196-020		C-CAP,S 0.1-25 Z F GRM	A
C 727	87-010-196-080		CHIP CAPACITOR,0.1-25	.B
C 728	87-010-248-080		CAP, ELECT 220-10V	AB
C 721	87-012-176-020		C-CAP,U 15P-50 J CH	A
C 722	87-012-176-020		C-CAP,U 15P-50 J CH	A
C 721	87-012-176-080		CAP 15P	.B
C 722	87-012-176-080		CAP 15P	.B
C 720	87-012-195-020		C-CAP,U 100P-50 J CH	A
C 720	87-012-195-080		C-CAP,U 100P-50CH	.B
C 729	87-012-274-020		C-CAP,U 1000P-50 K B	A
C 725	87-012-274-020		C-CAP,U 1000P-50 K B	A
C 723	87-012-274-020		C-CAP,U 1000P-50 K B	A
C 723	87-012-274-080		CHIP CAP,U 1000P-50B	.B
C 725	87-012-274-080		CHIP CAP,U 1000P-50B	
C 729	87-012-274-080		CHIP CAP,U 1000P-50B	.B
C 725	87-018-131-080		CAP, CER 1000P-50V	.B
CN 701	87-A60-650-010		CONN,16P H GRY TUC-P16X-C1	.B
CN 701	87-A60-700-010		CONN,13P H GRY TUC-P13X-C1	A
D 721	87-017-149-080		ZENER,HZS6A2L	AB
D 722	87-020-465-080		DIODE,1SS133 (110MA)	.B
IC 721	87-070-127-110		IC,LC72131 D	AB
Q 713	87-A30-072-080		C-TR,RT1P 144C	
Q 712	87-A30-072-080		C-TR,RT1P 144C	
Q 711	87-A30-234-080		TR,CSC4115BC	AB
X 721	87-A70-061-010		VIB,XTAL 4.500MHZ CSA-309	AB
C 872	87-010-400-080		CAP, ELECT 0.47-50V	
C 873	87-010-404-080		CAP, ELECT 4.7-50V	
C 878	87-012-278-020		C-CAP,U 2200P-50 K B	
C 877	87-012-278-020		C-CAP,U 2200P-50 K B	
C 878	87-012-278-080		C-CAP,U 2200P-50 B	
C 877	87-012-278-080		C-CAP,U 2200P-50 B	
C 889	87-010-248-080		CAP, ELECT 220-10V	
C 884	87-010-260-080		CAP, ELECT 47-25V	
C 883	87-010-404-080		CAP, ELECT 4.7-50V	
C 888	87-010-787-020		C-CAP,U 0.022-25 K B C1608	
C 888	87-010-787-080		CAP, U 0.022-25	
C 881	87-012-141-080		CHIP-CAPACITOR,0.22-16F	
C 882	87-012-172-020		C-CAP,U 10P-50 D CH	
C 882	87-012-172-080		CAPACITOR CHIP U 10P CH	
C 887	87-012-286-020		C-CAP,U 0.01-25 K B	
C 887	87-012-286-080		CAP, U 0.01-25	
C 886	87-016-460-080		C-CAP,S 0.22-16 B	
C 885	87-016-460-080		C-CAP,S 0.22-16 B	
IC 871	87-070-060-040		IC,TA2040AF	
Q 873	87-026-226-080		CHIP-TR,DTA143EK	
X 891	87-030-394-010		VIB,CER CSA3.6MGF228	
C 705	87-A10-592-020		C-CAP,S 0.015-50 J B	A
C 706	87-A10-592-020		C-CAP,S 0.015-50 J B	A
C 705	87-A10-592-080		C-CAP,S 0.015-50 J B	
C 706	87-A10-592-080		C-CAP,S 0.015-50 J B	
C 735	87-010-987-080		C-CAP,S 1500P-50 CH	A
C 734	87-010-987-080		C-CAP,S 1500P-50 CH	A
C 733	87-010-987-080		C-CAP,S 1500P-50 CH	A
C 736	87-010-987-080		C-CAP,S 1500P-50 CH	A
C 734	87-012-280-080		CAP, U 3300P-50	.B
C 733	87-012-280-080		CAP, U 3300P-50	.B
C 731	87-012-286-020		C-CAP,U 0.01-25 K B	A
C 731	87-012-286-080		CAP, U 0.01-25	.B
C 738	87-A10-592-020		C-CAP,S 0.015-50 J B	A
C 737	87-A10-592-020		C-CAP,S 0.015-50 J B	A
C 737	87-A10-592-080		C-CAP,S 0.015-50 J B	
C 738	87-A10-592-080		C-CAP,S 0.015-50 J B	
C 751	87-010-220-020		C-CAP,S 0.018-25 K B	
C 752	87-010-220-020		C-CAP,S 0.018-25 K B	

C	752	87-010-220-080	C-CAP,S 0.018-25 B	.....
C	751	87-010-220-080	C-CAP,S 0.018-25 B	.....
C	758	87-012-167-020	C-CAP,U 5P-50 C CH	A.....
C	758	87-012-167-080	C-CAP,U 5P-50 CH	.B.....
C	757	87-012-188-020	C-CAP,U 47P-50 J CH	A.....
C	757	87-012-188-080	C-CAP,U 47P-50 CH	.B.....
C	753	87-012-195-080	C-CAP,U 100P-50CH	.B.....
C	752	87-012-282-080	CAP, U 4700P-50	.B.....
C	756	87-012-286-020	C-CAP,U 0.01-25 K B	A.....
C	755	87-012-286-080	CAP, U 0.01-25	.B.....
C	756	87-012-286-080	CAP, U 0.01-25	.B.....
C	751	87-012-365-020	C-CAP,S 0.27-25V BK	A.....
C	752	87-012-365-020	C-CAP,S 0.27-25V BK	A.....
C	751	87-012-365-080	C-CAP,S 0.027-25VBK	.....
C	752	87-012-365-080	C-CAP,S 0.027-25VBK	.....
C	761	87-010-196-080	CHIP CAPACITOR,0.1-25	.B.....
C	766	87-010-197-080	CAP, CHIP 0.01 DM	.B.....
C	769	87-010-260-080	CAP, ELECT 47-25V	AB.....
C	763	87-010-829-020	C-CAP,U 0.047-16 Z F C1608	A.....
C	763	87-010-829-080	CAP, U 0.047-16	.B.....
C	768	87-012-286-020	C-CAP,U 0.01-25 K B	A.....
C	765	87-012-286-020	C-CAP,U 0.01-25 K B	A.....
C	768	87-012-286-080	CAP, U 0.01-25	.B.....
C	762	87-012-286-080	CAP, U 0.01-25	.B.....
C	765	87-012-286-080	CAP, U 0.01-25	.B.....
C	764	87-012-337-020	C-CAP,U 56P-50 J CH	A.....
C	764	87-012-337-080	C-CAP,U 56P-50 CH	.....
C	773	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A.....
C	773	87-010-196-080	CHIP CAPACITOR,0.1-25	.B.....
C	774	87-010-263-080	CAP, ELECT 100-10V	AB.....
C	771	87-010-383-080	CAP, ELECT 33-25V	AB.....
C	777	87-010-400-080	CAP, ELECT 0.47-50V	A.....
C	778	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	779	87-010-401-080	CAP, ELECT 1-50V	AB.....
C	775	87-010-404-080	CAP, ELECT 4.7-50V	AB.....
C	777	87-010-493-080	CAP,E 0.47-50 GAS	.B.....
C	770	87-010-829-020	C-CAP,U 0.047-16 Z F C1608	A.....
C	772	87-010-829-020	C-CAP,U 0.047-16 Z F C1608	A.....
C	772	87-010-829-080	CAP, U 0.047-16	.B.....
C	770	87-010-829-080	CAP, U 0.047-16	.B.....
C	776	87-012-286-020	C-CAP,U 0.01-25 K B	A.....
C	776	87-012-286-080	CAP, U 0.01-25	.B.....
C	780	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A.....
C	780	87-010-196-080	CHIP CAPACITOR,0.1-25	.B.....
C	785	87-010-401-080	CAP, ELECT 1-50V	A.....
C	786	87-010-401-080	CAP, ELECT 1-50V	A.....
C	786	87-010-402-080	CAP, ELECT 2.2-50V	.B.....
C	785	87-010-402-080	CAP, ELECT 2.2-50V	.B.....
C	782	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	781	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	785	87-010-494-080	CAP ELECT GAS 1/50	.....
C	786	87-010-494-080	CAP ELECT GAS 1/50	.....
C	789	87-012-275-020	C-CAP,U 1200P-50 K B	A.....
C	787	87-012-275-080	C-CAP,U 1200P-50 B	.B.....
C	789	87-012-275-080	C-CAP,U 1200P-50 B	.B.....
C	788	87-012-275-080	C-CAP,U 1200P-50 B	.B.....
C	783	87-012-286-020	C-CAP,U 0.01-25 K B	A.....
C	784	87-012-286-020	C-CAP,U 0.01-25 K B	A.....
C	783	87-012-286-080	CAP, U 0.01-25	.B.....
C	784	87-012-286-080	CAP, U 0.01-25	.B.....
C	796	87-010-403-080	CAP, ELECT 3.3-50V	AB.....
C	791	87-010-405-080	CAP, ELECT 10-50V	AB.....
C	794	87-010-406-080	CAP, ELECT 22-50	AB.....
C	795	87-010-596-020	C-CAP,S 0.047-16 RK	A.....
C	795	87-010-596-080	CAP, S 0.047-16	.B.....
C	799	87-010-829-020	C-CAP,U 0.047-16 Z F C1608	A.....
C	799	87-010-829-080	CAP, U 0.047-16	.B.....
C	793	87-012-273-020	C-CAP,U 820P-50 K B	A.....
C	793	87-012-273-080	C-CAP,U 820P-50 B	.B.....
C	790	87-012-275-020	C-CAP,U 1200P-50 K B	A.....
C	790	87-012-275-080	C-CAP,U 1200P-50 B	.B.....
C	798	87-012-276-080	CAP, CHIP SS 1500 PBK	.B.....
C	797	87-012-276-080	CAP, CHIP SS 1500 PBK	.B.....
D	771	87-020-465-080	DIODE,1SS133 (110MA)	.B.....
D	773	87-020-465-080	DIODE,1SS133 (110MA)	AB.....
D	886	87-020-465-080	DIODE,1SS133 (110MA)	.....
IC	771	87-A20-913-010	IC,LA1837NL	AB.....
L	771	87-A50-266-010	COIL,FM DET-2N(TOK)	AB.....
L	772	87-A90-052-010	FLTR,CFMT-450A(TOK)	.....
L	772	87-A90-053-010	FLTR,PCFMT-060(TOK)	.....
L	772	87-A91-110-010	FLTR,PCFJZH-450 (TOK)	AB.....
L	781	87-005-847-080	COIL,2.2UH(CECS)	.B.....
L	791	87-A50-027-010	COIL,1 POLE MPX(TOK)	.B.....
L	792	87-A50-027-010	COIL,1 POLE MPX(TOK)	.B.....
X	771	87-030-354-010	VIB,CF BFU 450C	.....
C	859	87-012-286-080	CAP, U 0.01-25	.B.....
C	865	87-010-196-080	CHIP CAPACITOR,0.1-25	.B.....
C	864	87-010-405-080	CAP, ELECT 10-50V	.B.....
C	866	87-010-405-080	CAP, ELECT 10-50V	.B.....
C	869	87-012-180-080	C-CAP,U 22P-50 CH	.B.....
C	868	87-012-184-080	C-CAP,U 33P-50 CH	.B.....
C	861	87-012-199-080	CAP 220P	.B.....

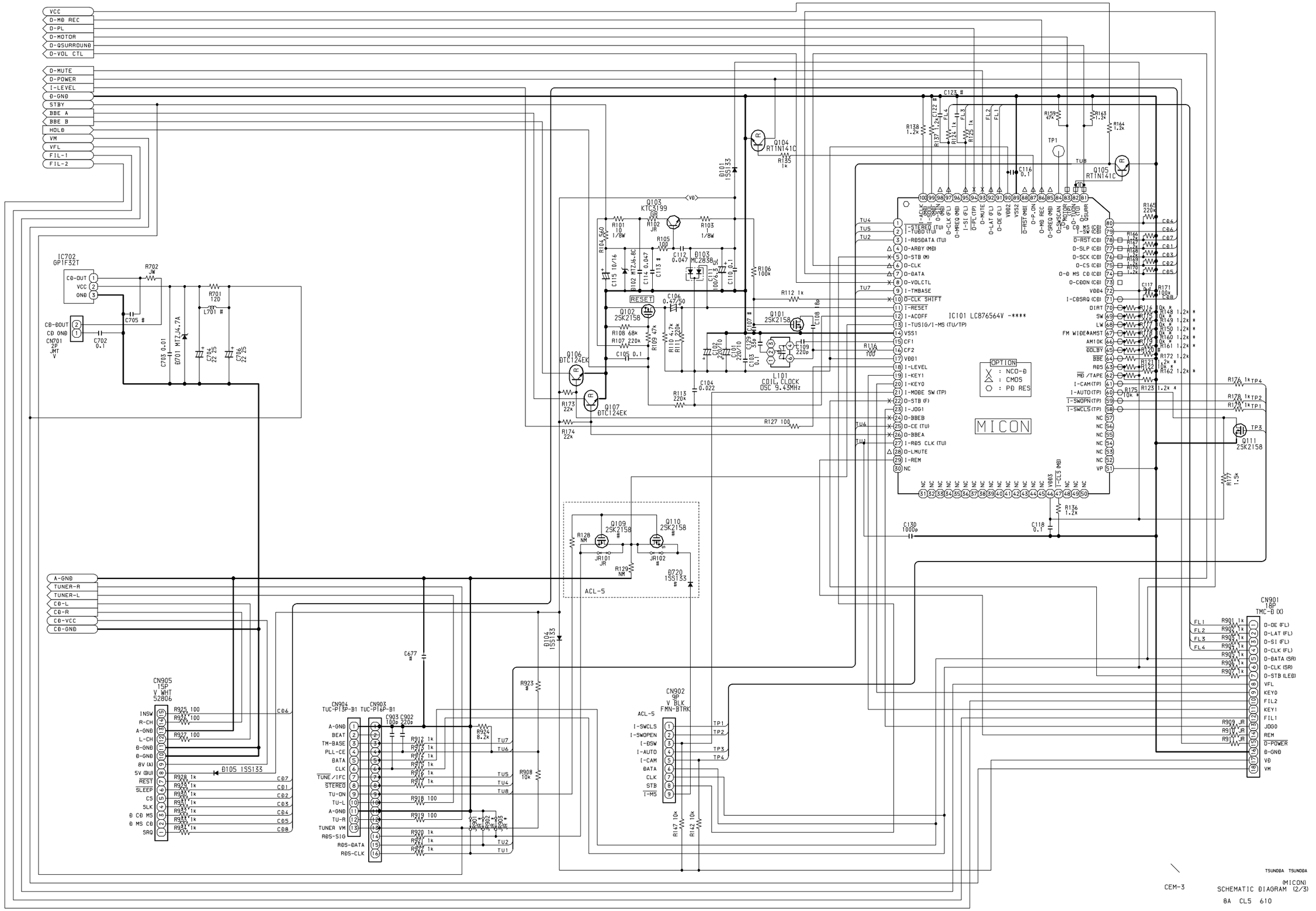
C	862	87-012-199-080	CAP 220P	.B
C	863	87-012-270-080	CAP, U 470P-50	.B
C	867	87-012-286-080	CAP, U 0.01-25	.B
IC	851	87-A20-440-040	C-IC,BU1920FS	.B
L	851	87-005-847-080	COIL,2.2UH(CECS)	.B
Q	853	87-A30-076-080	C-TR,2SC3052F	.B
X	851	87-A70-091-010	VIB,XTAL 4.332MHZ CSA-309	.B
C	812	87-012-286-020	C-CAP,U 0.01-25 K B	A
C	814	87-012-286-080	CAP, U 0.01-25	.B
C	812	87-012-286-080	CAP, U 0.01-25	.B
C	828	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A
C	829	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A
C	828	87-010-196-080	CHIP CAPACITOR,0.1-25	.B
C	829	87-010-196-080	CHIP CAPACITOR,0.1-25	.B
C	820	87-010-260-080	CAP, ELECT 47-25V	AB
C	821	87-012-286-020	C-CAP,U 0.01-25 K B	A
C	823	87-012-286-020	C-CAP,U 0.01-25 K B	A
C	822	87-012-286-020	C-CAP,U 0.01-25 K B	A
C	823	87-012-286-080	CAP, U 0.01-25	.B
C	821	87-012-286-080	CAP, U 0.01-25	.B
C	822	87-012-286-080	CAP, U 0.01-25	.B
C	942	87-012-168-080	C-CAP,U 6P-50 CH	.B
C	941	87-012-180-080	C-CAP,U 22P-50 CH	
C	940	87-012-286-080	CAP, U 0.01-25	.B
C	943	87-012-286-080	CAP, U 0.01-25	
C	947	87-012-286-080	CAP, U 0.01-25	.B
C	945	87-012-286-080	CAP, U 0.01-25	
C	944	87-014-051-080	CAPACITOR (PP), 560P	
C	949	87-A10-039-080	C-CAP,U 470P-50 J CH	.B
C	959	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A
C	959	87-010-196-080	CHIP CAPACITOR,0.1-25	
C	958	87-010-197-080	CAP, CHIP 0.01 DM	.B
C	956	87-010-263-080	CAP, ELECT 100-10V	
C	959	87-010-831-080	C-CAP,U,0.1-16F	.B
C	953	87-012-286-080	CAP, U 0.01-25	
C	952	87-012-286-080	CAP, U 0.01-25	.B
C	954	87-012-358-080	C-CAP,S 0.47-10 F Z	
C	950	87-014-073-080	CAP,PP 4700P-100 J	
C	960	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A
C	963	87-010-196-020	C-CAP,S 0.1-25 Z F GRM	A
C	963	87-010-196-080	CHIP CAPACITOR,0.1-25	
C	960	87-010-196-080	CHIP CAPACITOR,0.1-25	.B
C	962	87-010-401-080	CAP, ELECT 1-50V	.B
C	961	87-012-174-020	C-CAP,U 12P-50 J CH	A
C	961	87-012-174-080	CAP CHIP CERA SS 12P CHJ	
C	960	87-012-350-080	C-CAP,1-25 F	
CF	802	82-785-747-010	CF MS2 GHY R	.B
CF	802	87-008-261-010	FILTER, SFE10.7MA5-A	A
CF	801	87-008-261-010	FILTER, SFE10.7MA5-A	A
CF	801	87-008-423-010	CERAMIC FILTER, SFE10.7	.B
D	941	87-020-465-080	DIODE,1SS133 (110MA)	
D	944	87-020-465-080	DIODE,1SS133 (110MA)	.B
D	942	87-A40-270-080	C-DIODE,MC2838	.B
D	981	87-A40-618-080	VARI-CAP,SVC 348(S/T)	
FFE	801	A8-6ZA-191-130	6ZA-1 FEENM	.B
FFE	801	A8-6ZA-192-030	6ZA-1 FEJNM	
FFE	801	A8-6ZA-199-170	6ZA-1 FEENC	
FFE	801	A8-6ZA-19A-070	6ZA-1 FEJNC	
FFE	801	A8-6ZA-19D-070	6ZA-1 YFEJNC	
FFE	801	A8-8ZA-190-030	8ZA-1 FEUNM	A
FFE	801	A8-8ZA-192-070	8ZA-1 FEUNC	
FFE	801	A8-8ZA-193-070	8ZA-1 YFEUNC	
J	801	87-033-241-010	TERMINAL,ANT AJ-2039	.B
J	801	87-A60-702-010	TERMINAL,ANT 4P CJ-9036	A
J	801	87-A60-703-010	TERMINAL,ANT 3P CJ-9037	
J	940	81-754-629-010	CONNECTOR, 2P	
L	832	87-005-847-080	COIL,2.2UH(CECS)	.B
L	942	87-A50-019-010	COIL,OSC LW(COI)	.B
L	941	87-A50-020-010	COIL,ANT LW(COI)	.B
L	941	87-A50-022-010	COIL,ANT SW(COI)	
L	944	87-A50-159-010	COIL,10MH K C2B	
L	942	87-A50-173-010	COIL,OSC SW-N(COI)	
L	943	87-A50-432-010	COIL,1MH K CW	
L	981	87-A50-430-010	COIL,ANT MW(3BSW)	
L	982	87-A50-431-010	COIL,OSC MW(3BSW)	
L	981	8Z-ZA1-650-010	COIL,AM PACK4C (TOK)	A
L	981	8Z-ZA1-665-010	COIL,AM PACK 2(TOK)	.B
Q	712	87-A30-072-080	C-TR,RT1P 144C	AB
Q	805	89-327-143-080	TR,2SC2714 (0.1W)	AB
Q	941	87-A30-074-080	C-TR,RT1P 141C	
Q	943	87-A30-075-080	C-TR,2SA1235F	
Q	942	87-A30-075-080	C-TR,2SA1235F	
Q	945	87-A30-076-080	C-TR,2SC3052F	
Q	949	87-A30-076-080	C-TR,2SC3052F	
Q	944	87-A30-076-080	C-TR,2SC3052F	
Q	946	87-A30-086-070	C-TR,CSD1306E	
Q	948	87-A30-086-070	C-TR,CSD1306E	.B
Q	947	89-503-602-080	C-FET,2SK360E	
Q	947	89-505-434-540	C-FET,2SK543(4/5)	.B
Q	951	87-A30-074-080	C-TR,RT1P 141C	.B
Q	950	87-A30-086-070	C-TR,CSD1306E	
Q	952	87-A30-086-070	C-TR,CSD1306E	.B

TC	942	87-011-164-010	CAPACITOR,TRIMMER 30P	.B..... .....
TC	941	87-011-220-080	TRIMMER CAP 20P VTC	....
TC	943	87-011-221-080	CAP, TRIMMER 30P	....

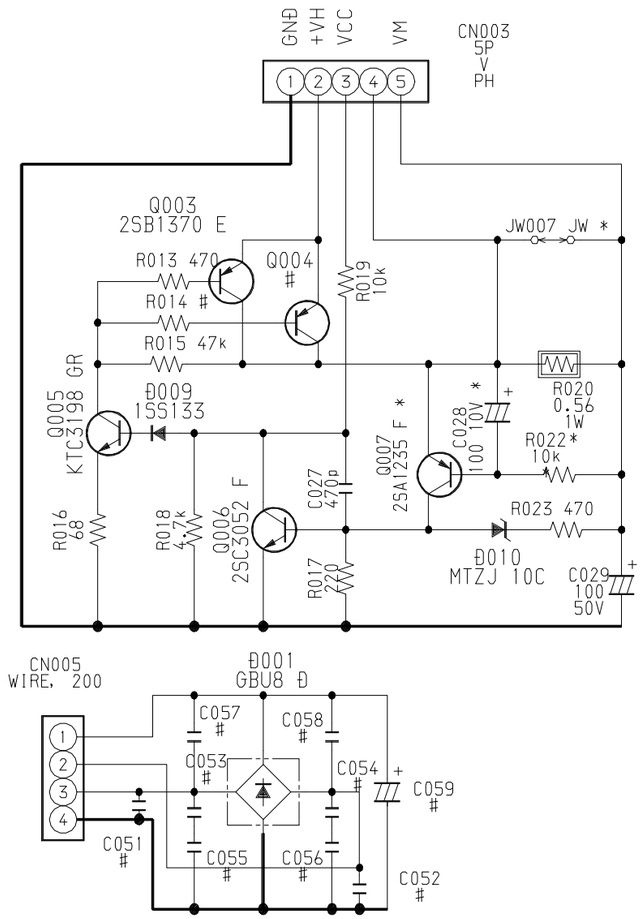
SCHEMATIC DIAGRAM – 1 (U : MAIN 1/3)



SCHEMATIC DIAGRAM – 2 (U : MAIN 2/3)



SCHEMATIC DIAGRAM – 3 (U : MAIN 3/3)



	(1) U
C028	100 10V
JR901	JR
JR902	JR
JR903	JR
JW007	#
Q007	2SA1235 F
R020	0.56 1W
R022	10k
R114	#
R115	#
R117	#
R118	#
R119	10k
R121	1.2k
R122	#
R123	#
R148	1.2k
R149	1.2k
R150	1.2k
R160	1.2k
R161	#
R162	1.2k
R175	10k

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CEM-3

SCHEMATIC ĐIAGRAM (VM) (3/3)

8A CL5 610

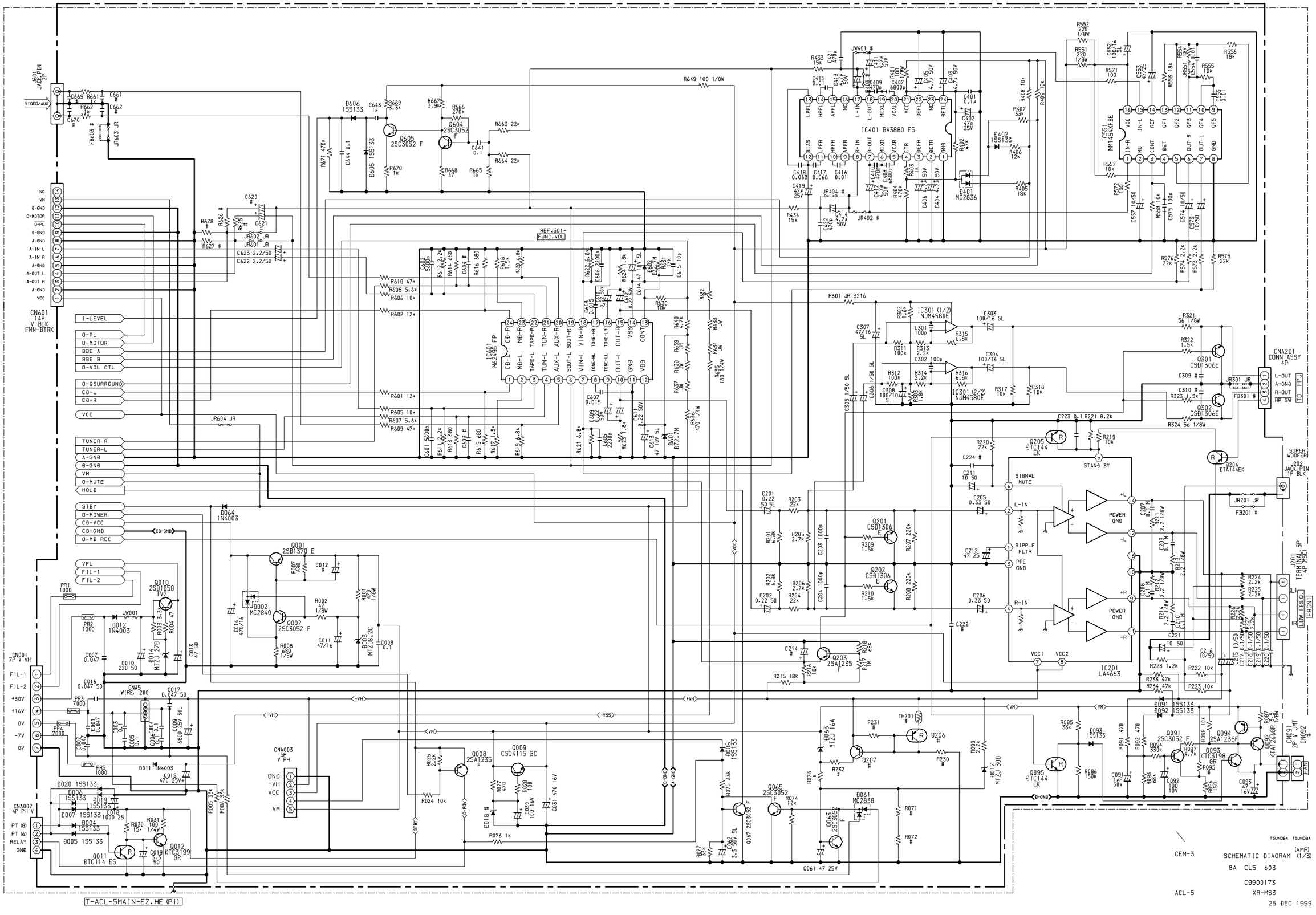
C9900174

ACL-5 XR-MS3

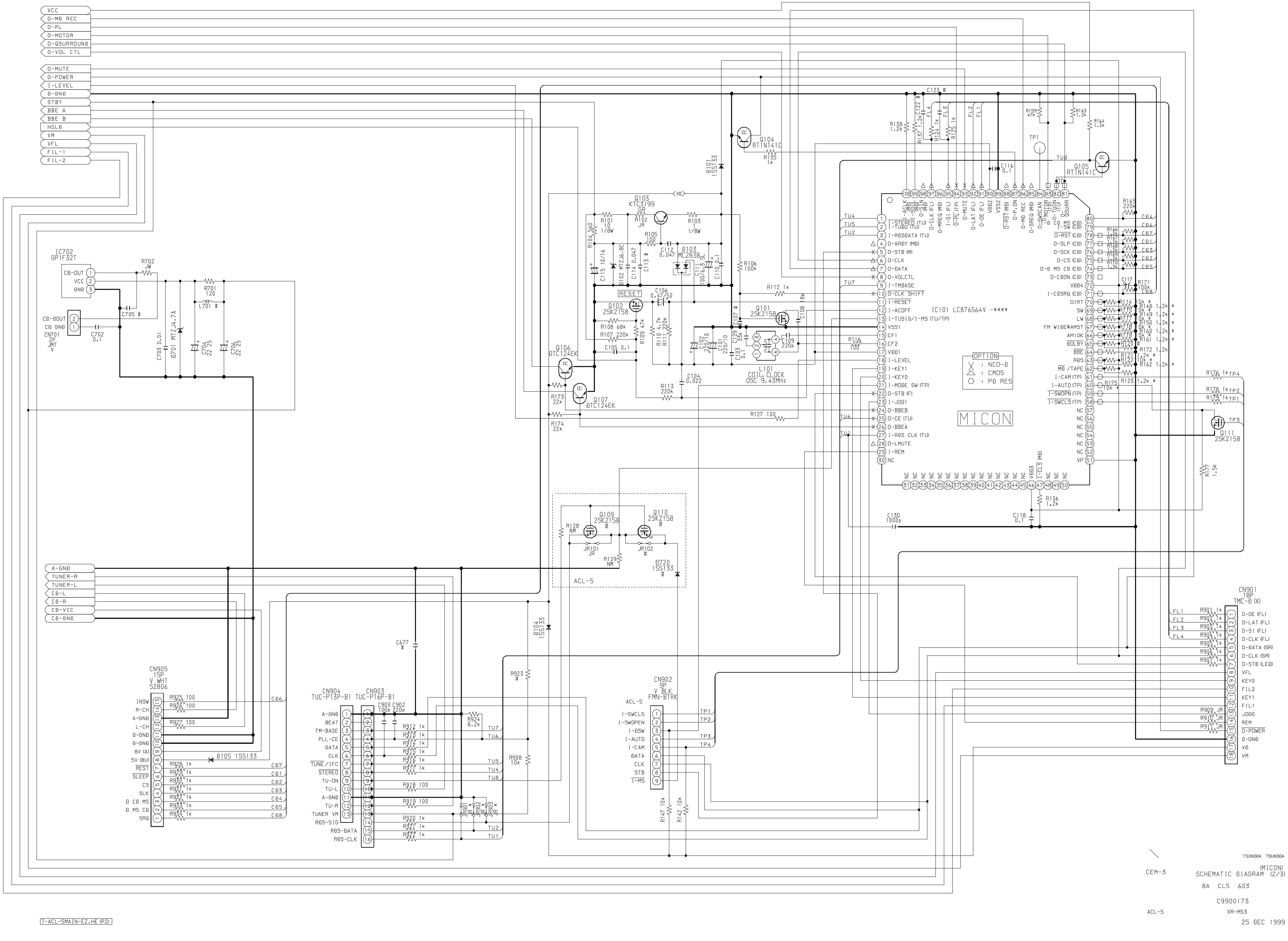
25 ĐEC 1999

T-ACL-5MAIN-U (P3)

SCHEMATIC DIAGRAM – 4 (EZ : MAIN 1/3)

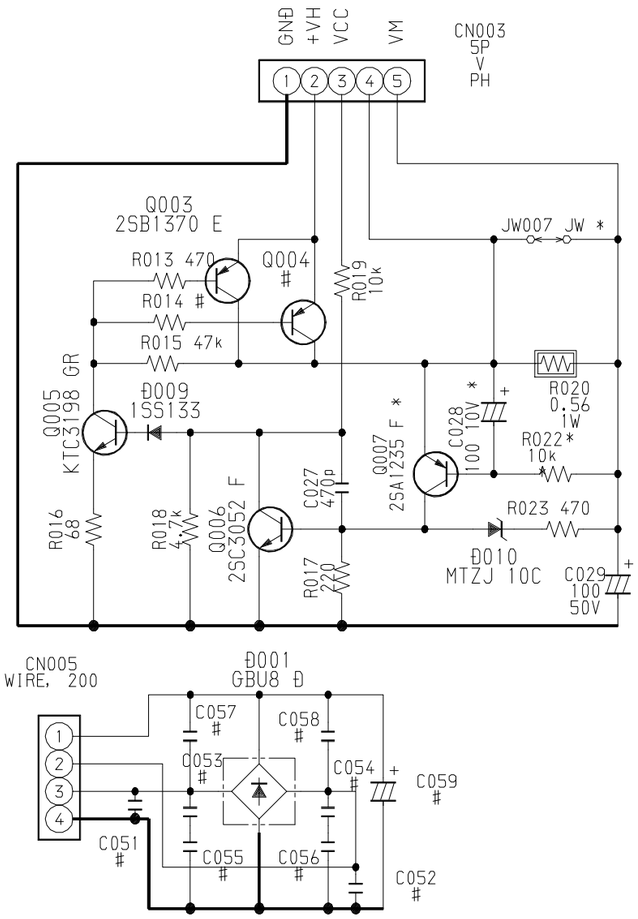


SCHEMATIC DIAGRAM – 5 (EZ : MAIN 2/3)



VCC
O-MD REC
O-PL
O-MOTOR
O-QSURROUND
O-VOL CTL
O-MUTE
O-POWER
I-LEVEL
D-GND
STBY
BBE A
BBE B
HOLD
VM
VFL
FIL-1
FIL-2
IC702 GP1F32T
CD-OUT VCC GND
R702 JW
R701 120
L701 #
C705 #
CD-DOUT CD GND
CN701 2P JMT V
C702 0.1
C703 0.01
D701 MTZJ4.7A
C704 22 25
C706 22 25
Q103 KTC3199 GR
R101 10 1/8W
R102 JR
R103 1 1/8W
R104 560
R105 100
C112 0.047
D103 MC2838
C115 10/16
D102 MTZJ6.8C
C114 0.047
C113 #
C111 100/6.3
C110 0.1
R106 100k
D101 1SS133
Q104 RT1N141C
R135 1k
RESET
Q102 2SK2158
C106 0.47/50
R108 68k
R107 220k
R109 47k
R110 4.7k
R111 220k
C105 0.1
Q106 DTC124EK
Q107 DTC124EK
R173 22k
R174 22k
R113 220k
C104 0.022
C102 220/10
C101 220/10
C129 33p
C103 0.1
C107 #
Q101 2SK2158
C108 18p
C109 220p
R112 1k
R116 100
L101 COIL, CLOCK OSC 9.43MHz
R127 100
IC101 LC876564V -****
MICON
OPTION
: NCO-D
: CMOS
: PD RES
R138 1.2k
R137 1.2k
C122 #
C123 #
R124 1k
R125 1k
R159 47k
R163 1.2k
R164 1.2k
TP1
TU8
Q105 RT1N141C
C116 0.1
R165 220k
R166 1.2k
R167 1.2k
R168 1.2k
R169 1.2k
R170 1.2k
C117 0.1
R171 100k
R114 10k *
R115 10k *
R117 10k *
R118 10k *
R119 10k *
R120 #
R121 1.2k *
R122 10k *
R148 1.2k *
R149 1.2k *
R150 1.2k *
R160 1.2k *
R161 1.2k *
R172 1.2k
R162 1.2k *
R123 1.2k *
R175 10k *
R176 1k TP4
R178 1k TP2
R179 1k TP1
TP3
Q111 2SK2158
R177 1.5k
R136 1.2k
C118 0.1
C130 1000p
Q109 2SK2158 #
Q110 2SK2158 #
R128 NM
R129 NM
JR101 JR
JR102 #
D720 1SS133 #
ACL-5
D104 1SS133
C677 #
R923 #
R908 10k
R924 8.2k
A-GND
TUNER-R
TUNER-L
CD-L
CD-R
CD-VCC
CD-GND
CN905 15P V WHT 52806
INSW R-CH A-GND L-CH D-GND D-GND 8V (A) 5V (BU) REST SLEEP CS SLK D CD MS D MS CD SRQ
R925 100
R926 100
R927 100
D105 1SS133
R928 1k
R929 1k
R930 1k
R931 1k
R932 1k
R933 1k
R934 1k
CN904 TUC-P13P-B1
CN903 TUC-P16P-B1
C903 100p C902 220p
A-GND BEAT TM-BASE PLL-CE DATA CLK TUNE/IFC STEREO TU-ON TU-L A-GND TU-R TUNER VM RDS-SIG RDS-DATA RDS-CLK
R912 1k
R913 1k
R914 1k
R915 1k
R916 1k
R917 1k
R918 100
R919 100
R920 1k
R921 1k
R922 1k
JR901 JR *
JR902 JR *
JR903 JR *
CN902 9P V BLK FMN-BTRK
ACL-5
I-SWCLS I-SWOPEN I-DSW I-AUTO I-CAM DATA CLK STB I-MS
R147 10k
R142 10k
CN901 18P TMC-D (X)
FL1 FL2 FL3 FL4
R901 1k
R902 1k
R903 1k
R904 1k
R905 1k
R906 1k
R907 1k
R909 JR
R910 JR
R911 JR
O-OE (FL) O-LAT (FL) O-SI (FL) O-CLK (FL) O-DATA (SR) O-CLK (SR) O-STB (LED) VFL KEY0 FIL2 KEY1 FIL1 JOG0 REM O-POWER D-GND VD VM
TSUNODA TSUNODA
CEM-3
(MICON) SCHEMATIC DIAGRAM (2/3)
8A CL5 603
C9900173
ACL-5
XR-MS3
25 DEC 1999
T-ACL-5MAIN-EZ.HE (P2)

SCHEMATIC DIAGRAM – 6 (EZ : MAIN 3/3)



	(2) EZ	(3) Đ	(4) HR
C028	#	#	#
JR901	#	JR	JR
JR902	#	JR	JR
JR903	#	JR	JR
JW007	JW	JW	JW
Q007	#	#	#
R020	#	#	#
R022	#	#	#
R114	#	#	#
R115	#	#	#
R117	10k	#	#
R118	#	10k	#
R119	#	#	#
R121	1.2k	1.2k	1.2k
R122	10k	#	#
R123	#	#	#
R148	1.2k	1.2k	1.2k
R149	1.2k	1.2k	1.2k
R150	#	1.2k	1.2k
R160	1.2k	#	1.2k
R161	1.2k	1.2k	1.2k
R162	#	1.2k	1.2k
R175	10k	10k	10k

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CEM-3

SCHEMATIC ĐIAGRAM (VM) (3/3)

8A CL5 603

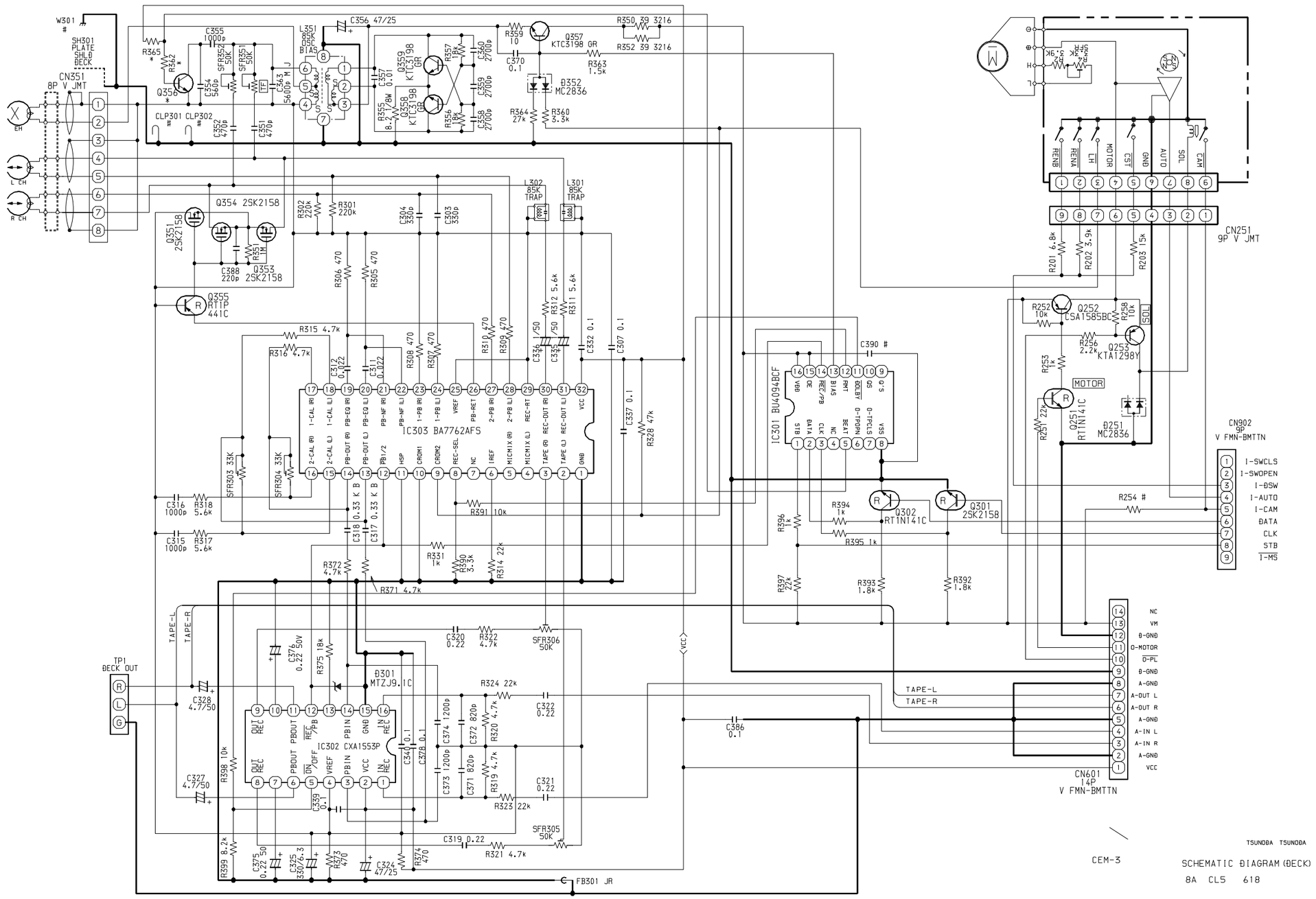
C9900173

ACL-5 XR-MS3

25 ĐEC 1999

T-ACL-5MAIN-EZ.HE (P3)

SCHEMATIC DIAGRAM – 7 (DECK)



T-ACL-5DECK

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CEM-3

SCHEMATIC DIAGRAM (DECK)

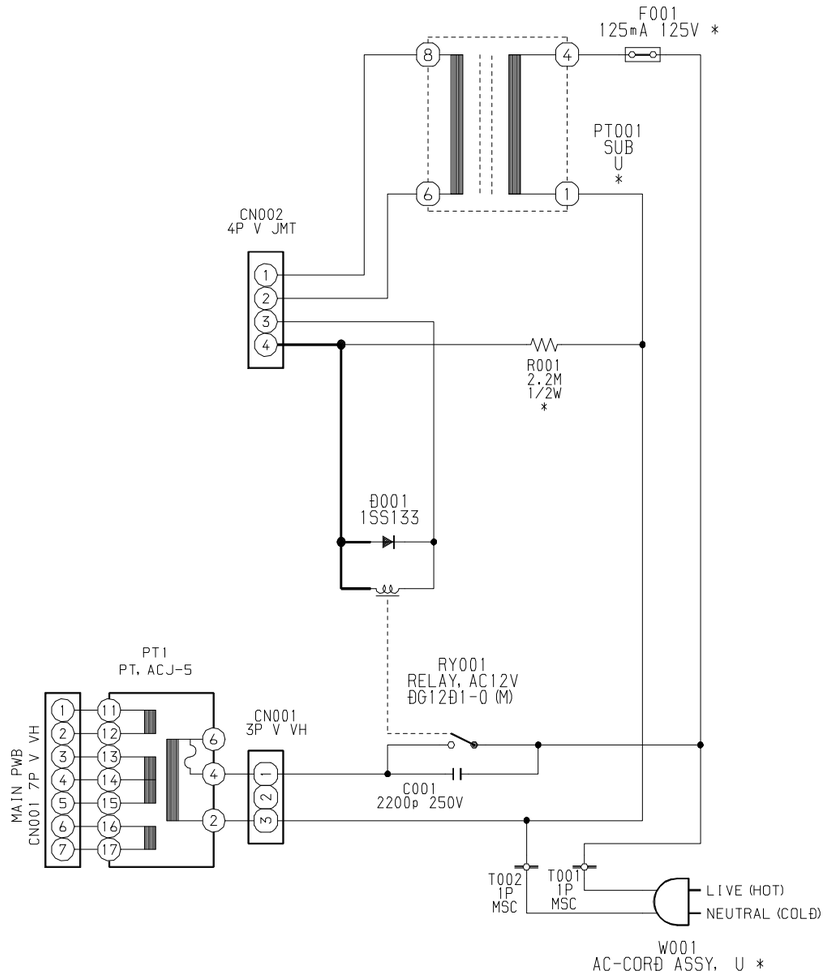
8A CL5 618

ACL-5 XR-MS3

25 DEC 1999

	(1) UH	(2) EZ
Q356	#	2SC3052F
R362	#	4.7k
R365	#	10k

SCHEMATIC DIAGRAM – 8 (PT)



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PAPERFENORIC

SCHEMATIC DIAGRAM (PT)

8A CL5

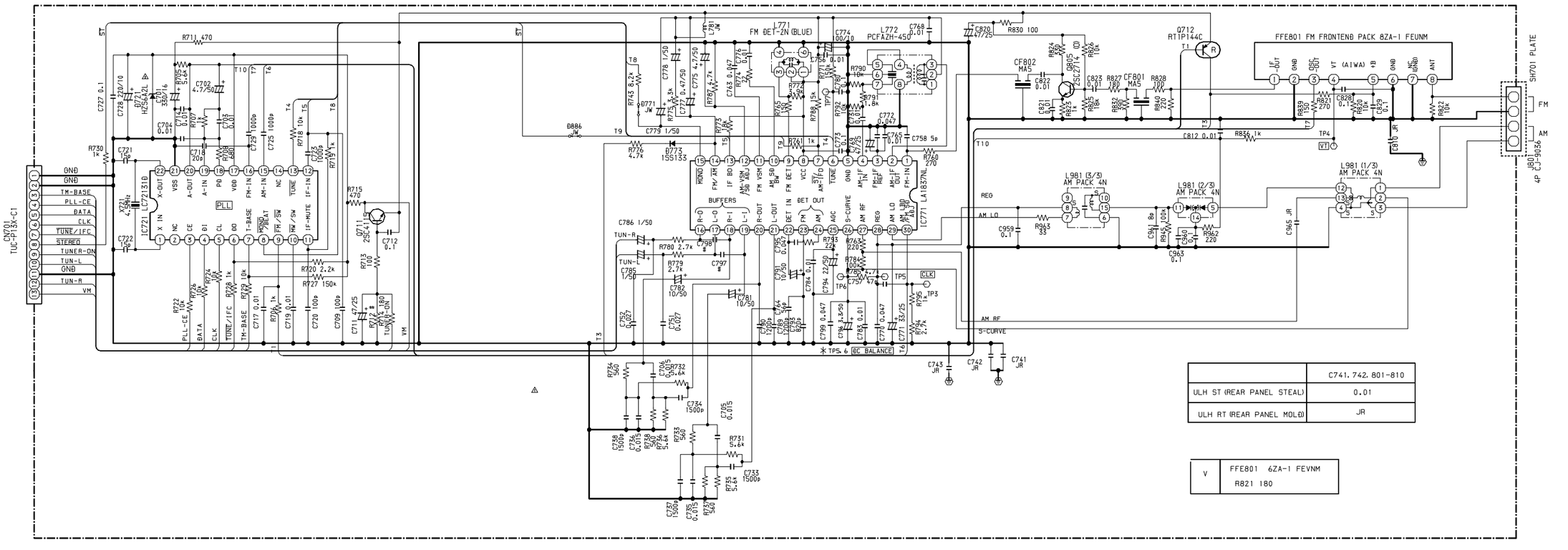
ACL-5

XR-MS3

B-ACL-5PT-UEZ

25 DEC 1999

SCHEMATIC DIAGRAM – 9 (U : ZZA-1 MULNM)



	C741. 742. 801-810
ULH ST (REAR PANEL STEAL)	0.01
ULH RT (REAR PANEL MOLÐ)	JR

V	FFE801 6ZA-1 FEVNM R821 180

B-ZZA-1-ULH

G.
TAKEZAWA

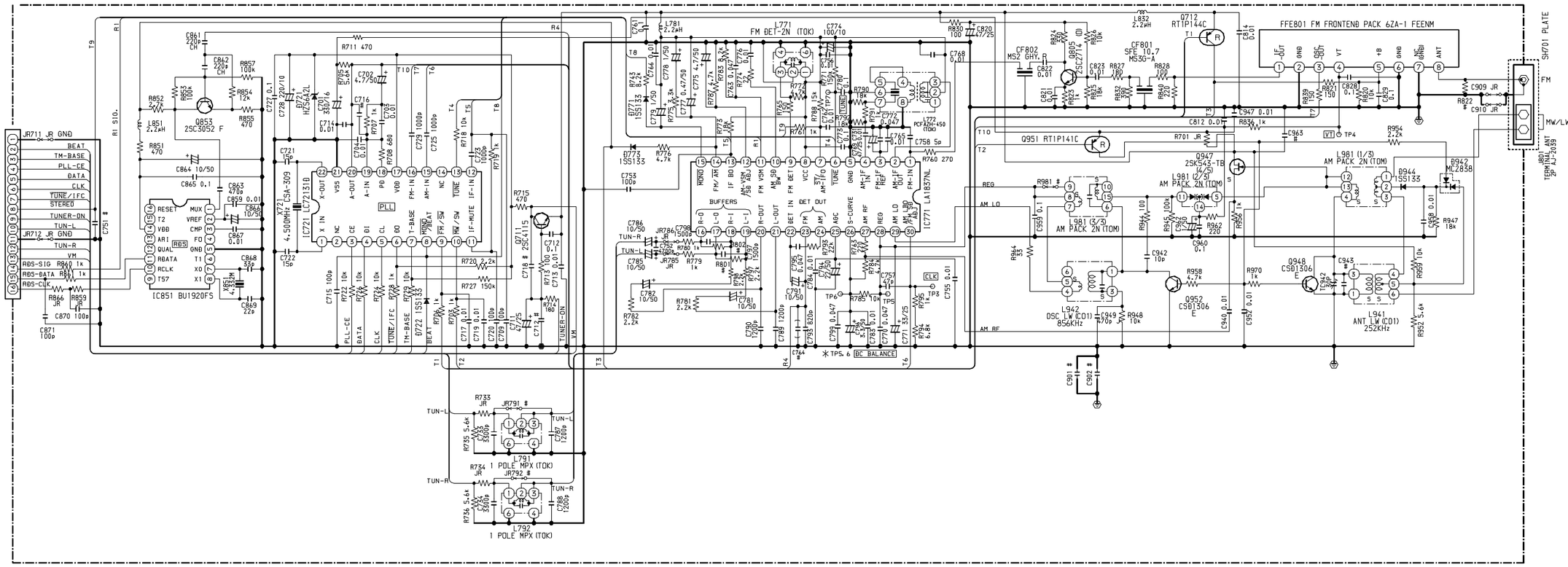
94V0 1=1.6
FENORIC 130t

8Z ZA1 621 11
QC-BZZA1-02-1

04 06 98

981021 CHANGE Ð721 ⚠
MTZJ5.6A -> HZS6A2L
981001 CANCEL C894 JR ⚠

SCHEMATIC DIAGRAM – 10 (U : ZZA-1 ZRDSRPNM)



O.
TAKEZAWA

94V0 t=1.6

HALOGEN FREE 130t

8Z ZA1 613 01

QC-8ZZA1- 04-1

21 10 98

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